

Practitioner's Docket No.: 782\_183

#7/A 6.12

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Seiji ISHIKAWA and Takayuki KIKUCHI

2/12/02

Filed: Concurrently Herewith

For: ANGULAR VELOCITY MEASURING APPARATUS

Box Patent Application  
Assistant Commissioner for Patents  
Washington DC 20231

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Elizabeth A. VanAntwerp  
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PRELIMINARY AMENDMENT

Sir:

Prior to examination, Applicants wish to amend the subject application as follows:

In the Claims:

Please rewrite claims 16 and 21 as follows:

A1  
16. (Amended) The angular velocity measuring apparatus according to claim 8, wherein said ceramic circuit board includes step portions formed in a surface facing said vibration element to protrude toward the vibration element, and said vibration element is connected to said step portions of said ceramic circuit board by means of bonding wires.

A2  
21. (Amended) The angular velocity measuring apparatus according to claim 1, wherein an ambient temperature of said vibration element is controlled by utilizing a heat generated by said semiconductor integrated circuit chip.